

Deploying the eCAS to Operation

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April 13, 2009

Agenda

Preparing for Installation

- Setting Environment

- Preparing for Installation

- Doing the Installation

Environment variables

Set your environment variables and paths:

```
export JAVA_HOME=/usr/local/jdk
export EDRN_ECAS_HOME=/usr/local/ecas
export PATH=/usr/local/maven2/bin:$PATH
```

Shutdown existing services

Before doing any installation, you'll need to *carefully* shutdown existing services:

```
cd /usr/local/ecas/filemgr/bin  
sudo ./filemgr stop  
sudo /usr/local/tomcat/bin/shutdown.sh
```

Maven settings

You'll need to setup your maven repository settings. The easiest thing to do is to copy a reference settings.xml to your ~/.m2 directory:

```
mkdir -p ~/.m2  
cp ~mattmann/.m2/settings.xml ~/.m2/
```

Install space

Create an install space:

```
mkdir -p ~/install
```

SVN repository

You'll need to check out eCAS (and eventually related applications) from the SVN repository:

```
cd ~/install  
svn export http://tumor/repo/edrn/ecas/trunk/backend \  
./ecas
```

Archive current eCAS

To correctly archive existing eCAS, you will need to check version number against JIRA log, then:

```
cd /usr/local/  
sudo mv ecas ecas.archive/ecas-<version++>
```


Install eCAS

```
cd ~/install/ecas  
mvn install
```

After installing the eCAS application, you *might* need to restore the old catalog, in which case you can copy from the previous archived eCAS:

```
cd /usr/local/  
cp -r ecas.archive/ecas-<version++>/filemgr/catalog \  
    ecas/filemgr/catalog
```

Install related applications

```
cd $EDRN_ECAS_HOME
svn export \
    http://tumor/repo/edrn/ecas/trunk/prodserver \
    ./prodserver
svn export \
    http://tumor/repo/edrn/ecas/trunk/ui \
    ./ui
svn export \
    http://tumor/repo/edrn/ecas/trunk/services/dmcc-data \
    ./services
```

Update database settings

Update your database connectivity by editing:

```
$EDRN_ECAS_HOME/services/sites.php
```

```
$EDRN_ECAS_HOME/services/protocols.php
```

Restore tomcat configuration

Copy tomcat configuration for product server:

```
sudo cp $EDRN_ECAS_HOME/prodserver/fmprod.xml \  
/usr/local/tomcat/conf/Catalina/localhost/
```

Restart services

```
cd /usr/local/ecas/filemgr/bin  
sudo ./filemgr start  
sudo /usr/local/tomcat/bin/startup.sh
```